

CUSTOMER NO. 34645

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Ramesh Durairaj, et al. Examiner: unknown  
Serial No.: unknown Art Unit: unknown  
Filed: herewith Attorney Docket No.: NN-15990  
Title: METHOD AND APPARATUS FOR INTELLIGENT MANAGEMENT  
OF A NETWORK ELEMENT

Commissioner for Patents  
Washington, D.C. 20231

**POWER OF ATTORNEY FOR  
PATENT APPLICATION**

Nortel Networks Limited, a Canadian corporation having principal offices at:

**Nortel Networks Limited  
2351 Boulevard Alfred-Nobel  
St. Laurent, Quebec H4S 2A9, Canada**

the owner by assignment of the entire right, title and interest to the invention for METHOD AND APPARATUS FOR INTELLIGENT MANAGEMENT OF A NETWORK ELEMENT, by Ramesh Durairaj, Tal Lavian, and Phil Wang, and in and to the application for patent and any Letters Patent, whether domestic or foreign, that may issue thereon, by virtue of the assignment (check as applicable):

☐ Recorded Concurrently Herewith  
☐ Recorded on \_\_\_\_\_  
☐ Recorded at Reel \_\_\_\_\_ Frame \_\_\_\_\_  
☒ Copy Attached

hereby appoints the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John C. Gorecki, Esq.  
165 Harvard St.  
Newton, MA 02460

its attorneys with full power of substitution and revocation, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention and to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above, and is authorized to act on behalf of the Assignee.

26 September 2003  
Date

**NORTEL NETWORKS LIMITED**

HM W. A.  
Name: Holmes W. Anderson

**Title: Senior Patent Counsel**

Attorney Docket No. 15990SSUS01U

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION FILED  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(3 sheets)**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND APPARATUS FOR INTELLIGENT  
MANAGEMENT OF A NETWORK ELEMENT**

The application of which: (Check applicable choice)

- A.   X   Is attached hereto.  
B.        Was filed on        as U.S. Application No.         
C.        was filed as PCT International Application No. PCT/        on         
and (if applicable to U.S. or PCT application) was amended on       .

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

Except as noted below, I hereby claim foreign priority benefits under 35 U.S.C. §1.119(a-d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority is claimed, before the filing date of this application.

**PRIOR FOREIGN APPLICATION(S)**

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Date First Laid Open or Published</u>	<u>Date Patented or Granted</u>	<u>Priority NOT Claimed</u>

Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. §119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT International applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of each such prior application and the national or PCT International filing date of this application:

**PRIOR US PROVISIONAL, NON-PROVISIONAL, AND/OR PCT APPLICATIONS(S)**

<u>Application No.</u>	<u>Day/Month/Year Filed</u>	<u>Status (Pending, Abandoned, or Patented)</u>	<u>Priority NOT Claimed</u>

Attorney Docket No. 15990SSUS01U

**POWER OF ATTORNEY OR AUTHORIZATION OF AN AGENT**

And I hereby appoint the practitioners associated with Customer Number 34645, and as listed below as my/our attorney(s) or agents to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

John C. Gorecki


Reg. No. 38,471

**CHANGE OF CORRESPONDENCE ADDRESS**

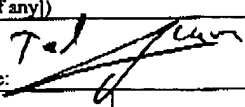
Please change the correspondence address for the above-identified application to the address associated with Customer Number 34645:

John C. Gorecki, Esq.  
165 Harvard St.  
Newton, MA 02460  
USA  
Phone: (617) 796-9024  
Fax: (617) 795-0888

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF SOLE or FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given name: (first and middle [if any]) <b>Ramesh</b>		Family Name Or Surname <b>Durairaj</b>	
Inventors Signature: 		Date: <b>1- Oct - 2003</b>	
<b>Santa Clara</b> Residence: City	<b>CA</b> State	<b>USA</b> Country	<b>INDIA</b> Citizenship
<b>4572 Cheeney Street</b> Mailing Address			
<b>Santa Clara</b> City	<b>CA</b> State	<b>95054</b> Zip	<b>USA</b> Country

Attorney Docket No. 15990SSUS01U

<b>NAME OF SOLE or FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given name: <b>Tal</b> (first and middle (if any))		Family Name <b>Lavian</b> Or Surname	
Inventors Signature: 		Date: <b>1-oct-2003</b>	
<b>Sunnyvale</b> Residence: City	<b>CA</b> State	<b>USA</b> Country	<b>Israeli</b> Citizenship
<b>1351 Zurich Terrace</b> Mailing Address			
<b>Sunnyvale</b> City	<b>CA</b> State	<b>94087</b> Zip	<b>USA</b> Country

<b>NAME OF SOLE or FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given name: <b>Phil Yonghui</b> (first and middle (if any))		Family Name <b>Wang</b> Or Surname	
Inventors Signature:		Date:	
<b>Nepean</b> Residence: City	<b>Ontario</b> State	<b>Canada</b> Country	<b>China</b> Citizenship
<b>339D Craig Henry Drive</b> Mailing Address			
<b>Nepean</b> City	<b>Ontario</b> State	<b>K2G 4K8</b> Zip	<b>Canada</b> Country

Attorney Docket No. 15990SSUS01U

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION FILED  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(3 sheets)**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND APPARATUS FOR INTELLIGENT  
MANAGEMENT OF A NETWORK ELEMENT**

The application of which: (Check applicable choice)

- A. ☒ Is attached hereto.  
 B. \_\_\_\_\_ Was filed on \_\_\_\_\_ as U.S. Application No. \_\_\_\_\_  
 C. \_\_\_\_\_ was filed as PCT International Application No. PCT/\_\_\_\_\_ on \_\_\_\_\_  
 and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

Except as noted below, I hereby claim foreign priority benefits under 35 U.S.C. §1.119(a-d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority is claimed, before the filing date of this application.

**PRIOR FOREIGN APPLICATION(S)**

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Date First Laid Open or Published</u>	<u>Date Patented or Granted</u>	<u>Priority NOT Claimed</u>

Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. §119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT International applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of each such prior application and the national or PCT International filing date of this application:

**PRIOR US PROVISIONAL, NON-PROVISIONAL, AND/OR PCT APPLICATION(S)**

<u>Application No.</u>	<u>Day/Month/Year Filed</u>	<u>Status (Pending, Abandoned, or Patented)</u>	<u>Priority NOT Claimed</u>

Attorney Docket No. 15990SSUS01U

**POWER OF ATTORNEY OR AUTHORIZATION OF AN AGENT**

And I hereby appoint the practitioners associated with Customer Number 34645, and as listed below as my/our attorney(s) or agents to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

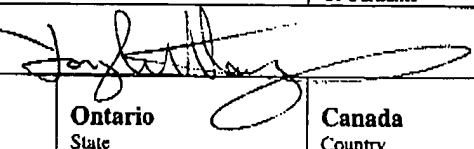
John C. Gorecki                      Reg. No. 38,471

**CHANGE OF CORRESPONDENCE ADDRESS**

Please change the correspondence address for the above-identified application to the address associated with Customer Number 34645:

John C. Gorecki, Esq.  
165 Harvard St.  
Newton, MA 02460  
USA  
Phone: (617) 796-9024  
Fax: (617) 795-0888

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF SOLE or FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given name: (first and middle [if any])	<b>Phil Yonghui</b>	Family Name Or Surname	<b>Wang</b>
Inventors Signature: 		Date: <b>SEP 30, 2003</b>	
<b>Nepean</b> Residence: City	<b>Ontario</b> State	<b>Canada</b> Country	<b>China</b> Citizenship
<b>339D Craig Henry Drive</b> Mailing Address			
<b>Nepean</b> City	<b>Ontario</b> State	<b>K2G 4K8</b> Zip	<b>Canada</b> Country